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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: William H. Hildebrand et al. ) Atty. Dkt. No.: 6680.040  
)  
Serial No.: 10/082,034 )  
)  
Filed: February 21, 2002 )  
)  
For: SOLUBLE HLA LIGAND DATABASE )  
UTILIZING PREDICTIVE )  
ALGORITHMS AND METHODS OF )  
MAKING AND USING SAME )

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This  
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. [X] Preliminary Statements
2. [X] FORM PTO/SB/08A AND 08B (formerly Form PTO-1449)
3. [X] Copies of Listed Information Items Accompanying this Statement
4. [X] Identification of Person(s) Making this Information Disclosure Statement

12/10/2003 HGBREM1 00000022 041700 10082034

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## **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

## **Section 2. FORM PTO/SB/08A AND 08B (formerly Form PTO-1449)**

☒ [X] A completed FORM PTO/SB/08A AND 08B (formerly Form PTO-1449) is attached hereto.

## **Section 3. Copies of Listed Information Items Accompanying this Statement**


Legible copies of all items listed in FORM PTO/SB/08A AND 08B (formerly Form PTO-1449) accompany this information disclosure statement.

## **Section 4. Identification of Person(s) Making this SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

The person making this statement is the attorney/agent who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the attorney's file

Respectfully submitted,



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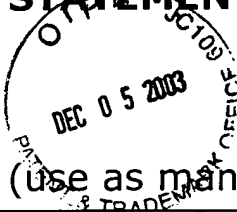
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 Date Deposited: December 5, 2003

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



(use as many sheets as necessary)

Complete if Known	
Application Number	10/082,034
Filing Date	02/21/2002
First Named Inventor	William H. Hildebrand, et al.
Group Art Unit	1631
Examiner Name	C. Smith
Attorney Docket Number	6680.040

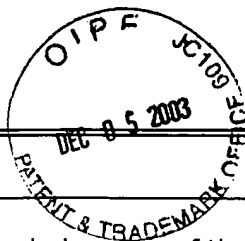
## U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4,683,202		Mullis	7/28/1987	
	2	5,256,541		Pouletty et al.	10/26/1993	
	3	5,270,169		Chang et al.	12/14/1993	
	4	5,292,641		Pouletty	3/8/1994	
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	6	5,710,248		Grose	1/20/1998	
	7	5,750,367		Chan	5/12/1998	
	8	5,776,746		Denney, Jr.	7/7/1998	
	9	5,798,209		Chan	8/25/1998	
	10	6,001,365		Peterson et al.	12/14/1999	
	11	6,255,073		Cai et al.	7/3/2001	

## FOREIGN PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office 3	Number 4	Kind Code <sup>5</sup> (if known)			
	A		WO 95/11702		5/4/1995		
	B		WO 97/46256		12/11/1997		
	C		WO 98/06749		2/19/1998		
	D		WO 00/23053		4/27/2000		

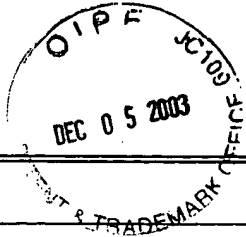
**U.S. and Foreign:** <sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



EXA M INIT.		<h2 style="text-align: center;">NON PATENT DOCUMENTS</h2> <p style="text-align: center;">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
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	BB	"LARGE SCALE PRODUCTION OF MURINE MONOCLONAL ANTIBODIES USING HOLLOW FIBER BIOREACTORS", Evans et al., BioTechniques, 6(8):763-767 (1988).
	CC	"HIV-1 REVERSE TRANSCRIPTASE IS A TARGET FOR CYTOTOXIC T LYMPHOCYTES IN INFECTED INDIVIDUALS", Walker et al., Science, 240(4848):64-66 (1988).
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EXAM INIT.		<h2 style="text-align: center;">NON PATENT DOCUMENTS</h2> <p style="text-align: center;">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
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	aa	"HLA ALLELE SELECTION FOR DESIGNING PEPTIDE VACCINES", Kamalakar et al, Genetic Analysis: Biomolecular Engineering, 13:81-86 (1996).
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EXAM INIT.	NON PATENT DOCUMENTS	
	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
	ap	"PREDICTION OF MHC CLASS II-BINDING PEPTIDES USING AN EVOLUTIONARY ALGORITHM AND ARTIFICIAL NEURAL NETWORK", Brusic et al., Bioinformatics, 14(2): 121-130 (1998).
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	ar	"NEURAL NETWORK-BASED PREDICTION OF CANDIDATE T-CELL EPITOPES", Honeyman et al., Nat. Biotechnol., 16(10): 966-969 (1998).
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**Non Patent Documents:** <sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature: \_\_\_\_\_ Date Considered: \_\_\_\_\_



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